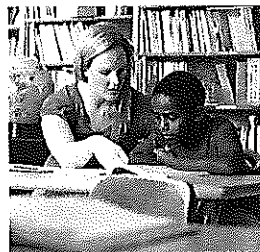


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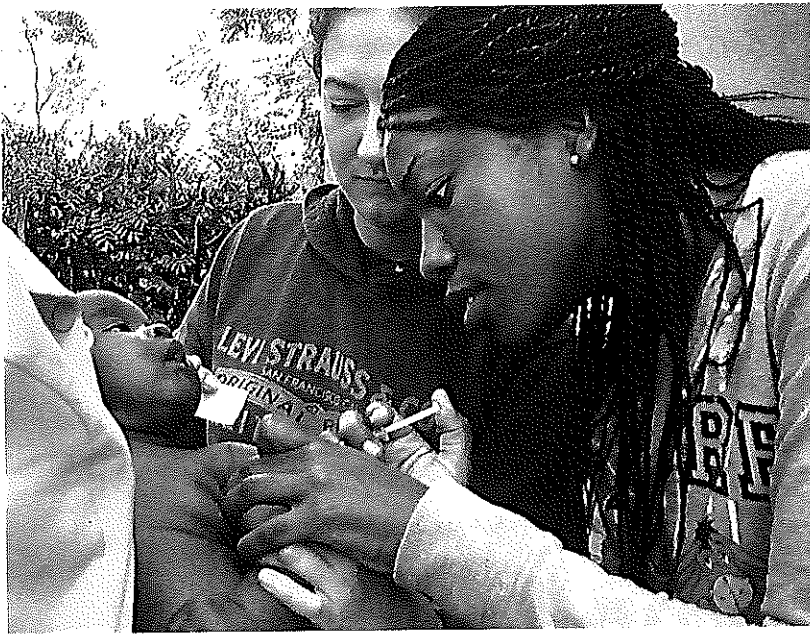
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# LEARNING WITHOUT LIMITS



2009 President's Report



Nursing students learn priceless lessons in caring and provide vital services to underserved residents of Chile, Mexico, and Haiti (shown) through the school's minimester-abroad programs.

patient safety conference in March. This spring, the Pan American Health and Education Foundation funded a new "train the trainer" partnership targeted toward strengthening nurse midwifery education in Haiti, which has the highest maternal mortality rate in the Western Hemisphere. Future activities will focus on patient safety, nursing recruitment and retention, and development of doctoral and other postgraduate nursing programs in Latin America and the Caribbean.

The WHO partnership will also help to expand the school's growing array of student exchange programs. This year, 48 students traveled to Chile, Haiti, and, for the first time, Mexico, gaining a deepened appreciation of global health issues. The school also welcomed nursing students and faculty from Chile, Mexico, and Israel.

To meet the need for nursing professionals who can implement innovative, evidence-based patient care, the school launched a new Doc-

torate in Nursing Practice (DNP) program in January. The clinical counterpart of the school's research-focused doctorate, the interdisciplinary program, which partners with the School of Business Administration, is offered in an executive-education format.

El Centro, the University of Miami Center of Excellence for Hispanic Health Disparities Research,



The School of Nursing and Health Studies, led by Dean Nilda Peragallo (left), launched its new designation as a PAHO/WHO Nursing Collaborating Centre with a series of events in March.

continues to expand its research and educational activities. The Summer Scholars program, launched in 2008, offers paid research internships for students to conduct research on

health disparities topics that reflect their interests and experience. In September, El Centro received an additional grant from the National Institutes of Health National Center on Minority Health and Health Disparities for a series of seminars designed to share research findings with communities statewide.

Through UM's Contract Employee Enrichment Program, the school offers health screenings and education to UM workers at health fairs held on all three campuses. This year's events drew about 200 employees, providing hands-on experience for nursing students while providing much-needed services.

The school's efforts to address the nation's nursing shortage and recruit students from groups underrepresented in nursing received a major boost with a grant from the Robert Wood Johnson Foundation's New Careers in Nursing program. The award provided scholarships of \$10,000 each to 30 students who enrolled in UM's Accelerated Bachelor of Science in Nursing (BSN) program. And the school's mission of increasing the ranks of doctorally prepared nursing faculty gained support from a generous Florman Family Foundation grant that funds scholarships for nursing faculty at both Miami Dade College and the University to pursue the DNP at the University of Miami.

## Rosenstiel School of Marine and Atmospheric Science

Students in the Rosenstiel School of Marine and Atmospheric Science are, literally, students of the world. Some of the most important discoveries in hurricane tracking,



Rosenstiel School of Marine and Atmospheric Science

Dean Nilda Peragallo

Culinary

Research

Emerging

Organizational

Structure

Success

Assessment

College

Thesis

Logistics

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climate change, sustainable fisheries, preservation of coral and other natural resources, and many more areas of global urgency are made by Rosenstiel School faculty and students.

The school welcomed Roni Avissar as its new dean in June 2009. A distinguished scientist and prominent scholar who has studied the way Amazon deforestation affects precipitation patterns around the world, Avissar joined the University from Duke University, where he served for five years as the W.H. Gardner Professor and chair of the



Rosenstiel School students offered local children unforgettable looks at the wonders of the marine world through the Ocean Kids event.

Department of Civil and Environmental Engineering.

The Rosenstiel School's aquaculture program is spearheading research and development in the emerging fields of hatchery technology and offshore aquaculture as key strategies in the quest to develop sustainable fishing practices. Led by associate professor Daniel Benetti, the program is a pioneer in raising cobia as an alternative to species that are endangered or create ecological havoc when farm-raised. The school also is a full partner in the Monterey Bay Aquarium's Seafood Watch program, which empowers consumers to make smart choices when buying seafood.

Through the school's National Center for Coral Reef Research program, more than 50 University scientists are joining forces to study, predict, and mitigate the harmful effects of global climate change on coral reef systems. Their interdisciplinary efforts address critical problems such as coral bleaching, ocean acidification, and rising concentrations of carbon dioxide.

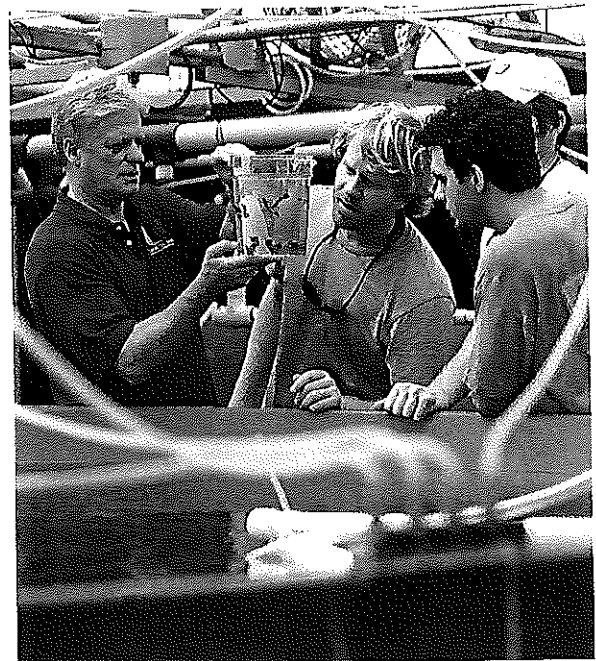
Combining global outreach with classroom credit, Daniel Suman, professor of coastal management and environmental law, led 21 students in his Tourism: Conservation and Development course on a ten-day excursion to Bocas del Toro, Panama, an important center of coral diversity and a nesting site for certain species of endangered sea turtles. The students met with several local experts and developed individual projects on the environmental impacts of tourism in the region. Suman also worked with a team of Rosenstiel scientists to

develop a coastal management plan for Bocas del Toro that was then presented to Panamanian officials. This summer, Suman led another group of students on a six-week journey to China and Vietnam to study water resources and policy in those countries.

In addition to tackling global problems through hands-on research, Rosenstiel School

faculty and students facilitate community programs that educate and motivate people to act in responsible ways. This year, a partnership between the school, the F.I.N.SEA Foundation, and the Rho Rho Rho marine and atmospheric honor society gave 100 elementary schoolchildren from underprivileged areas in Miami a close-up look at marine science. The inaugural Ocean Kids event showcased ten activity stations on the Coral Gables campus, including a touch tank of live marine organisms, a squid dissection, and a snorkeling and scuba gear demonstration.

Also this year, the Rosenstiel School hosted the Manatee Bowl, the *Jeopardy*-like regional competition of the National Ocean Sciences Bowl. Rosenstiel School faculty, staff, and students volunteer for this event, which encourages the next generation of marine scientists, policy-makers, explorers, and environmental advocates.



Daniel Benetti (left), an associate professor in the Rosenstiel School's aquaculture program, works with students to develop sustainable and productive new approaches to meeting the world's demand for fish and other types of seafood.